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1600

RAW SEQUENCE LISTING

DATE: 05/06/2003

PATENT APPLICATION: US/10/034,350A

TIME: 10:21:57

Input Set : A:\sequence.listing.ascii.txt

Output Set: N:\CRF4\05062003\J034350A.raw

5 <110> APPLICANT: Zauderer, Maurice
 9 <120> TITLE OF INVENTION: Methods of Selecting Polynucleotides Encoding Antigens
 13 <130> FILE REFERENCE: 1821.0010002
 17 <140> CURRENT APPLICATION NUMBER: 10/034,350A
 19 <141> CURRENT FILING DATE: 2002-01-03
 23 <150> PRIOR APPLICATION NUMBER: US 08/935,377
 25 <151> PRIOR FILING DATE: 1997-09-22
 29 <160> NUMBER OF SEQ ID NOS: 38
 33 <170> SOFTWARE: PatentIn version 3.1
 37 <210> SEQ ID NO: 1
 39 <211> LENGTH: 69
 41 <212> TYPE: DNA
 43 <213> ORGANISM: Artificial Sequence
 47 <220> FEATURE:
 49 <223> OTHER INFORMATION: Synthetic Construct
 53 <220> FEATURE:
 55 <221> NAME/KEY: CDS
 57 <222> LOCATION: (46)..(69)
 61 <400> SEQUENCE: 1
 62 ggccaaaaat tgaaaaacta gatctattta ttgcacgogg ccgcc atg ggc ccg gcc 57
 63 Met Gly Pro Ala
 64 1
 66 gcc aac ggc gga 69
 67 Ala Asn Gly Gly
 68 5
 71 <210> SEQ ID NO: 2
 73 <211> LENGTH: 8
 75 <212> TYPE: PRT
 77 <213> ORGANISM: Artificial Sequence
 81 <220> FEATURE:
 83 <223> OTHER INFORMATION: Synthetic Construct
 87 <400> SEQUENCE: 2
 89 Met Gly Pro Ala Ala Asn Gly Gly
 90 1 5
 93 <210> SEQ ID NO: 3
 95 <211> LENGTH: 75
 97 <212> TYPE: DNA
 99 <213> ORGANISM: Artificial Sequence
 103 <220> FEATURE:
 105 <223> OTHER INFORMATION: Synthetic Construct
 109 <220> FEATURE:
 111 <221> NAME/KEY: CDS
 113 <222> LOCATION: (52)..(75)

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117 <400> SEQUENCE: 3
118 ggccaaaaat tgaaatttta tttttttttt ttggaatata aagcggccgc c atg ggc      57
119                                     Met Gly
120                                     1
122 ccg gcc gcc aac ggc gga      75
123 Pro Ala Ala Asn Gly Gly
124      5
126 <210> SEQ ID NO: 4
128 <211> LENGTH: 8
130 <212> TYPE: PRT
132 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
138 <223> OTHER INFORMATION: Synthetic Construct
142 <400> SEQUENCE: 4
144 Met Gly Pro Ala Ala Asn Gly Gly
145 1      5
148 <210> SEQ ID NO: 5
150 <211> LENGTH: 57
152 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
160 <223> OTHER INFORMATION: Synthetic Construct
164 <400> SEQUENCE: 5
165 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatggg cccggcc      57
168 <210> SEQ ID NO: 6
170 <211> LENGTH: 145
172 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
180 <223> OTHER INFORMATION: Synthetic Construct
184 <400> SEQUENCE: 6
185 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccgtgga tcccccgggc      60
187 tgcaggaatt cgatatcaag cttatcgata ccgtcgacct cgaggggggg cctaactaac      120
189 taattttgtt tttgtgggcc cggcc      145
192 <210> SEQ ID NO: 7
194 <211> LENGTH: 148
196 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
204 <223> OTHER INFORMATION: Synthetic Construct
208 <400> SEQUENCE: 7
209 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatggt ggatcccccg      60
211 ggctgcagga attcgatatc aagcttatcg ataccgtcga cctcgagggg gggcctaact      120
213 aactaatttt gttttgtgg gcccggcc      148
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218 <211> LENGTH: 149
220 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:

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228 <223> OTHER INFORMATION: Synthetic Construct
232 <400> SEQUENCE: 8
233 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatgag tggatcccc 60
235 gggctgcagg aattcgatat caagcttata gataccgtcg acctcgaggg ggggcctaac 120
237 taactaattt tgtttttggt ggcccggcc 149
240 <210> SEQ ID NO: 9
242 <211> LENGTH: 150
244 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
251 <223> OTHER INFORMATION: Synthetic Construct
255 <400> SEQUENCE: 9
256 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatgac gtggatcccc 60
258 cgggctgcag gaattcgata tcaagcttat cgataccgtc gacctcgagg ggggcctaa 120
260 ctaactaatt ttgttttggt ggcccggcc 150
263 <210> SEQ ID NO: 10
265 <211> LENGTH: 8
267 <212> TYPE: PRT
269 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
275 <223> OTHER INFORMATION: Synthetic Construct
279 <400> SEQUENCE: 10
281 Ser Ile Ile Asn Phe Glu Lys Leu
282 1 5
284 <210> SEQ ID NO: 11
286 <211> LENGTH: 10
288 <212> TYPE: DNA
290 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
296 <223> OTHER INFORMATION: Synthetic Construct
300 <400> SEQUENCE: 11
301 tacaacgagg 10
304 <210> SEQ ID NO: 12
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308 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
315 <223> OTHER INFORMATION: Synthetic Construct
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320 gtcagagcat 10
323 <210> SEQ ID NO: 13
325 <211> LENGTH: 10
327 <212> TYPE: DNA
329 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
335 <223> OTHER INFORMATION: Synthetic Construct
339 <400> SEQUENCE: 13
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343 <210> SEQ ID NO: 14

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347 <212> TYPE: DNA
349 <213> ORGANISM: Artificial Sequence
353 <220> FEATURE:
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359 <400> SEQUENCE: 14
360 tcagacttca 10
363 <210> SEQ ID NO: 15
365 <211> LENGTH: 10
367 <212> TYPE: DNA
369 <213> ORGANISM: Artificial Sequence
373 <220> FEATURE:
375 <223> OTHER INFORMATION: Synthetic Construct
379 <400> SEQUENCE: 15
380 tacctatggc 10
383 <210> SEQ ID NO: 16
385 <211> LENGTH: 10
387 <212> TYPE: DNA
389 <213> ORGANISM: Artificial Sequence
393 <220> FEATURE:
395 <223> OTHER INFORMATION: Synthetic Construct
399 <400> SEQUENCE: 16
400 tgtcacatac 10
403 <210> SEQ ID NO: 17
405 <211> LENGTH: 10
407 <212> TYPE: DNA
409 <213> ORGANISM: Artificial Sequence
413 <220> FEATURE:
415 <223> OTHER INFORMATION: Synthetic Construct
419 <400> SEQUENCE: 17
420 tcggtcacag 10
423 <210> SEQ ID NO: 18
425 <211> LENGTH: 10
427 <212> TYPE: DNA
429 <213> ORGANISM: Artificial Sequence
433 <220> FEATURE:
435 <223> OTHER INFORMATION: Synthetic Construct
439 <400> SEQUENCE: 18
440 atctggtaga 10
443 <210> SEQ ID NO: 19
445 <211> LENGTH: 10
447 <212> TYPE: DNA
449 <213> ORGANISM: Artificial Sequence
453 <220> FEATURE:
455 <223> OTHER INFORMATION: Synthetic Construct
459 <400> SEQUENCE: 19
460 cttatccacg 10
463 <210> SEQ ID NO: 20
465 <211> LENGTH: 10

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467 <212> TYPE: DNA
469 <213> ORGANISM: Artificial Sequence
473 <220> FEATURE:
475 <223> OTHER INFORMATION: Synthetic Construct
479 <400> SEQUENCE: 20
480 catgtctcaa 10
483 <210> SEQ ID NO: 21
485 <211> LENGTH: 10
487 <212> TYPE: DNA
489 <213> ORGANISM: Artificial Sequence
493 <220> FEATURE:
495 <223> OTHER INFORMATION: Synthetic Construct
498 <400> SEQUENCE: 21
499 gatcaagtct 10
502 <210> SEQ ID NO: 22
504 <211> LENGTH: 10
506 <212> TYPE: DNA
508 <213> ORGANISM: Artificial Sequence
512 <220> FEATURE:
514 <223> OTHER INFORMATION: Synthetic Construct
518 <400> SEQUENCE: 22
519 ctgatccatg 10
522 <210> SEQ ID NO: 23
524 <211> LENGTH: 53
526 <212> TYPE: DNA
528 <213> ORGANISM: Artificial Sequence
532 <220> FEATURE:
534 <223> OTHER INFORMATION: Synthetic Construct
538 <400> SEQUENCE: 23
539 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatggg ccc 53
542 <210> SEQ ID NO: 24
544 <211> LENGTH: 53
546 <212> TYPE: DNA
548 <213> ORGANISM: Artificial Sequence
552 <220> FEATURE:
554 <223> OTHER INFORMATION: Synthetic Construct
558 <400> SEQUENCE: 24
559 ggccggggccc atggcgggccg cgtgcaataa atagatctag tttttcaatt ttt 53
562 <210> SEQ ID NO: 25
564 <211> LENGTH: 59
566 <212> TYPE: DNA
568 <213> ORGANISM: Artificial Sequence
572 <220> FEATURE:
574 <223> OTHER INFORMATION: Synthetic Construct
578 <400> SEQUENCE: 25
579 ggccaaaaat tgaaatttta tttttttttt ttggaatata aagcgggcgc catggggccc 59
582 <210> SEQ ID NO: 26
584 <211> LENGTH: 59
586 <212> TYPE: DNA

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VERIFICATION SUMMARY

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